

## Anti-WRCH1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Cow,Rabbit)
Molecular Weight:	Theoretical: 29 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Paraformaldehyde-fixed, paraffin embedded (rat heart tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (WRCH1) Polyclonal Antibody, Unconjugated (TMAB-14201) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.
	2. Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (WRCH1) Polyclonal Antibody, Unconjugated (TMAB-14201) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.
	3. Sample: Cerebrum (Mouse) Lysate at 40 µg Primary: Anti-WRCH1 (TMAB-14201) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 29 kD Observed band size: 29 kD
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human WRCH-1
Antigen Species:	Human
Gene ID:	58480
Uniprot ID:	Q7L0Q8

## Research Background

The WRCH1 protein is a member of the Rho family of GTPases. This protein can activate PAK1 and JNK1, and can induce filopodium formation and stress fiber dissolution. It may also mediate the effects of WNT1 signaling in the regulation of cell morphology, cytoskeletal organization, and cell proliferation.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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